Sl. No.	Description of work	Mesurement				Qty	Unit	Rate	Amount
		No	L	B	D				
						25.00	Mts.	196.10	4,902
34	KSRB 13-5: Providing and fixing water meter with stop cock, jam nut, socket in G.I. pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour, HOM of equipments and testing complete as per specifications. Specification No. KBS 13.2.19 / 13.16 Page No. 91/ Item No. 13.22 / PWD SR 2015-16								
	Basic Rate	**1297**	**77.82**	**1374.82**					
		2				2.00			
						2.00	**Set**	**1374.82**	**2,749**
35	KSRB 13-6.2.2: Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification NO. KBS 13.2.2 / 13.3 Page No. 91/ Item No. 13.27 / PWD SR 2015-16								
	Basic Rate	**160**	**9.6**	**169.6**					
		2				2.00			
						2.00	**Each**	**169.60**	**339**
36	KSRB 13-6.2.3: Providing and fixing in position brass stop cock of approved quality 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification NO. KBS 13.2.2 / 13.3 Page No. 91/ Item No. 13.28 / PWD SR 2015-16								
	Basic Rate	**158**	**9.48**	**167.48**					
		2				2.00			
						2.00	**Each**	**167.48**	**334**
37	KSRB 13-6.2.4: Providing and fixing in position brass stop cock of approved quality 23mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification NO. KBS 13.2.2 / 13.3 Page No. 91/ Item No. 13.29 / PWD SR 2015-16								
	Basic Rate	**158**	**9.48**	**167.48**					
		5				5.00			
						5.00	**Each**	**167.48**	**837**
38	KSRB 13-6.3-3: Providing and fixing in position brass gate valve with C.I. wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification NO. KBS 13.2.6/ 13.3 Page No. 91/ Item No. 13.34 / PWD SR 2015-16								
	Basic Rate	**590**	**35.4**	**625.4**					
		2				2.00			
						2.00	**Each**	**625.40**	**1,250**

Sl. No.	Description of work	Mesurement				Qty	Unit	Rate	Amount
		No	L	B	D				
39	KSRB 13-6 4.3: providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality 25mm nominal bore including of cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Page No. 92/ Item No. 13.42 / PWD SR 2015-16								
	Basic Rate	595	35.7	630.7					
		2				2.00			
						2.00	**Each**	**630.70**	**1,261**
40	KSRB 13-7.2.1: Providing and fixing in position 25mm nominal bore non-return valve vertical type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specification specifications NO KBS 13.2.16 / 13.13 Page No. 93/ Item No. 13.59 / PWD SR 2015-16								
	Basic Rate	530	31.8	561.8					
		2				2.00			
						2.00	**Each**	**561.80**	**1,123**
41	KSRB 13-8.5: Providing and fixing to wall, ceiling and floor, low-density polyethylene pipes 6.00KGF/sq.cm. working pressure 50mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling an floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.for -do- 140mm Specification No. 13.2.15.1 / 13.9 Page No. 93/ Item No. 13.70.5 / PWD SR 2015-16								
	Basic Rate	530	31.8	561.8					
		15				15.00			
						15.00	**Mts.**	**561.80**	**8,427**
42	KSRB 13-8.5: Providing and fixing to wall, ceiling and floor, low-density polyethylene pipes 6.00KGF/sq.cm. Working pressure 63mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling a floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No. 13.2.15.1 / 13.9 Page No. 93/ Item No. 13.70.2 / PWD SR 2015-16								
	Basic Rate	271	16.26	287.26					
		6				6.00			
						6.00	**Mts.**	**287.26**	**1,723**
43	KSRB 13.11.1: Providing and placing on terrace. Polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification NO. KBS 13.22 Page No. 94/ Item No. 13.78 / PWD SR 2015-16								
	Basic Rate	8350	501	8851					
		1				1.00			
						1.00	**Nos.**	**8851.00**	**8,851**

Sl. No.	Description of work	Mesurement No	L	B	D	Qty	Unit	Rate	Amount
44	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions includes cost of materials, fixtures and conveyance to work spot etc, Do dia 32mm complete. Page No. 95/ Item No. 13.81.1 /PWD SR 2015-16								
	Basic Rate	125	7.5	132.5					
		1				1.00			
						1.00	**Each**	**132.50**	**132**
45	KSRB 15.14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. Page No. 123/ Item No. 13.49.1 / PWD SR 2015-16								
	Basic Rate	52.5	3.15	55.65					
		1	2.00	7.00	3.00	42.00			
		1	2.00	2.75	1.40	7.70			
						49.70	**Sqm.**	**55.65**	**2,765**
46	Providing Supplying M.S. Strul Steel Fabricaion Charges eraction and fixing including one coat shop paint two coat enamal paint data Rate approved 90000 per MT Page No. 255/ Item No. 37.4 / PWD SR 2015-16								
	Basic Rate	313	18.78	331.78					
	Purlin	5	8.00			40.00			
	Truss	5	12.00			60.00			
						100.00	**Mts.**	**331.78**	**33,178**
	Water Supply and Sanitary Works								
48	KSRB-2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary, lines and electrical conduits either in pits or in trenches 1.5 m and above in width, in hard soil not exceeding 1.5m. in depth including dressing the bottom and and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) 2.3.5 Page No. 5/ Item No. 2.4/ PWD SR 2015-16								
	Basic Rate	267	16.02	283.02					
		3	0.75	0.75	1.00	1.69			
						1.69	**Cum.**	**283.02**	**477**
49	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Asphalt surface road. Page No. 257/ Item No. 37.38/ PWD SR 2015-16								
	Basic Rate	320	19.2	339.2					
	Sanitary Line	1	40.00			40.00			
						40.00	**Mts.**	**339.20**	**13,568**

Sl. No.	Description of work	Mesurement				Qty	Unit	Rate	Amoun
		No	L	B	D				
50	KSRB 13-1.4 : Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 32mm dia nominal bore with fittings (medium grade weight 3.23 kg/mtr) B class including cost of all materials, labour, charges HOM of equipments and testing complete as per specifications. Specification No. KBS 13.2.14 / 13.8 Page No. 90/ Item No. 13.4 / PWD SR 2015-16								
	Basic Rate	**346**	**20.76**	**366.76**					
	Sanitary Line	1	30.00	0.60	1.20	21.60			
		3	0.75	0.75	1.00	1.69			
		1	60.00	0.60	1.00	36.00			
						59.29	**Cum.**	**366.76**	**21,744**
51	KSRB 12-1.2 : Providing and laying in position to required level or slope 150mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints, including cost of materials, labour charges complete as per specifications.Specification No. KBS 12.2.5/12.7 Page No. 70/ Item No. 11.2/ PWD SR 2015-16								
	Basic Rate	**346**	**20.76**	**366.76**					
	Sanitary Line	1	30.00			30.00			
						30.00	**Mts.**	**366.76**	**11,002**
52	PVC Pipe 110 mm Dia 2.5Kgs per Sqcm Sl.NO. 242.								
	Basic Rate	**90**	**5.4**	**95.4**					
		1	15.00			15.00			
						15.00	**Mts.**	**95.40**	**1,431**
53	KSRB-2-3: Filling available excavated earth (excluding rock) in sides of foundations up to plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead up to 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification No. KBS 2.9 Page No. 6/ Item No. 2.10/ PWD SR 2015-16								
	Basic Rate	**120**	**7.2**	**127.2**					
	Same as item 48	1	1.69			1.69			
						1.69	**Cum.**	**127.20**	**214**
54	KSRB 12-8.1': Constructing brick masonry inspection chamber600x 600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I. cover with frame (light duty) 600x600mm internal dimensions, total weight of cover with frame to be not less than 38kg (weight of cover 23kg and weight of frame 15kg) R.C.C top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Page No. 73/ Item No. 11.50.1 PWD SR 2015-16								
	Basic Rate	**4456**	**267.36**	**4723.36**					
	Sanitary Line	1	3.00			3.00			
						3.00	**Nos.**	**4723.36**	**14,170**

Sl. No.	Description of work	Mesurement No	L	B	D	Qty	Unit	Rate	Amount
55	KSRB 13.11.1: Providing and placing on terrace, Polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification NO. KBS 13.22 Page No. 94/ Item No. 13.78 / PWD SR 2015-16								
	Basic Rate	8350	501	8851					
	Sanitary Line	1				1.00			
						1.00	**Each**	**8851.00**	**8,851**
56	Miscellenious Charges.								4,719
						Total		**Rs.**	**739,500**

RUPEES SEVEN LAKHS THIRTY NINE THOUSAND FIVE HUNDRED ONLY

CERTIFICATES

1) The work spot has been inspected and the work is found necessary.
2) This estimate is prepared as per KPWD SR. of 2015-16 and Approved Rates.
3) The provisions were made in this estimate are necessary and adequate.
4) This works come under B.B.M.P. limits.
5) The work is not Split Up

Asst. Engineer
Project Sub Division
B.B.M.P

Asst. Executive Engineer
Project Sub Division
B.B.M.P.

Executive Engineer
Project Division
B.B.M.P.

ಸಂ. EE/PD/AS/4/16-17 ದಿನಾಂಕ: 27/5/16

ರೂ. 7,39,500/- Seven lakhs Thirty nine Thousand Five hundred only

ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಕಚೇರಿ ಆವರಣ, ಬೆಂಗಳೂರು.

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